

**Product Data Sheet** 

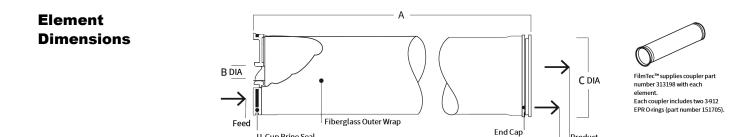


## FilmTec<sup>™</sup> Eco Pro-400 Element

Description	Ideal for: reverse osmosis plant managers and operators dealing with challenging waters who are looking for a state-of- the-art solution to tackle tough CAPEX and OPEX challenges.					
	FilmTec™ Eco Pro-400:					
	<ul> <li>Offers high salt-rejection at low pressure</li> <li>Achieves reduction of the fouling impact by minimized pressure drop</li> </ul>					
	Delivers excellent silica, boron, nitrate, TOC     and ammonium rejection					
	<ul> <li>Provides most effective cleaning performance, robustness and durability due to its widest cleaning pH</li> </ul>					
	range (1-13) and chemical tolerance and the support of DuPont technical representatives					
	lechnical representatives					
Product Type	Spiral-wound element with polyamide thin-film composite membrane					

## **Typical Properties**

	Active	e Area	Feed Spacer	Permeate Flow Rate		Typical Stabilized	Minimum Salt
FilmTec™ Element	(ft <sup>2</sup> )	(m <sup>2</sup> )	Thickness (mil)	(GPD)	(m <sup>3</sup> /d)	Salt Rejection (%)	Rejection (%)
Eco Pro-400	400	37	34-LDP	11,500	43.5	99.7	99.4
		NaC 2. Flow 3. Stab upor 4. Sale 5. Activ	I, 150 psi (10.3 bar), 77 v rates for individual ele ilized salt rejection is g n feedwater characterisi s specifications may va	r°F (25°C), pH ments may var enerally achiev tics and operat try as design re %. Active area	8, 15% recover y but will be no ed within 24-48 ing conditions. visions take pla as stated by Du	more than ±15%. 8 hours of continuous use; o ace. uPont Water Solutions is no	depending



U-Cup Brine Seal

	Dimensions – i	nches (mm)			1 inch = 25.4 m		
		Α	E	3	С		
FilmTec™ Element	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	
Eco Pro-400	40.0	1,016	1.125 ID	29 ID	7.9	201	
	<u>elements</u> (F	orm No. 45-D01695	<mark>delines for multiple-el</mark> 5-en) 03-mm) I.D. pressure		<u>8-inch</u>		
Operating and	Maximum Opera	113°F (45°C)					
Cleaning Limits	Maximum Opera	Maximum Operating Pressure					
j	Maximum Eleme	nt Pressure Drop			15 psig (1.0 b	oar)	
	membrane f	zing agents will cause premature anty, DuPont Water Solutions membrane exposure. Please refer					
Additional Important Information	<ul> <li>Before use or storage, review these additional resources for important information:</li> <li>I <u>Usage Guidelines for FilmTec™ 8" Elements</u> (Form No. 45-D01706-en)</li> <li>I <u>Start-Up Sequence</u> (Form No. 45-D01609-en)</li> </ul>						
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Product

Brine

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	<ul> <li>Please be aware of the following:</li> <li>The use of this product in and of itself does not necessarily guarantee the removal of cysts and pathogens from water. Effective cyst and pathogen reduction is dependent on the complete system design and on the operation and maintenance of the system.</li> </ul>				
Regulatory Note	This product may be subject to drinking water application restrictions in some countries; please check the application status before use and sale.				

## Have a question? Contact us at:

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Form No. 45-D01711-en, Rev. 3 September 2021